

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099918.D
 Acq On : 11 Jun 2019 11:30
 Operator : JU/SJ
 Sample : K3203-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-190604

Quant Time: Jun 12 03:42:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

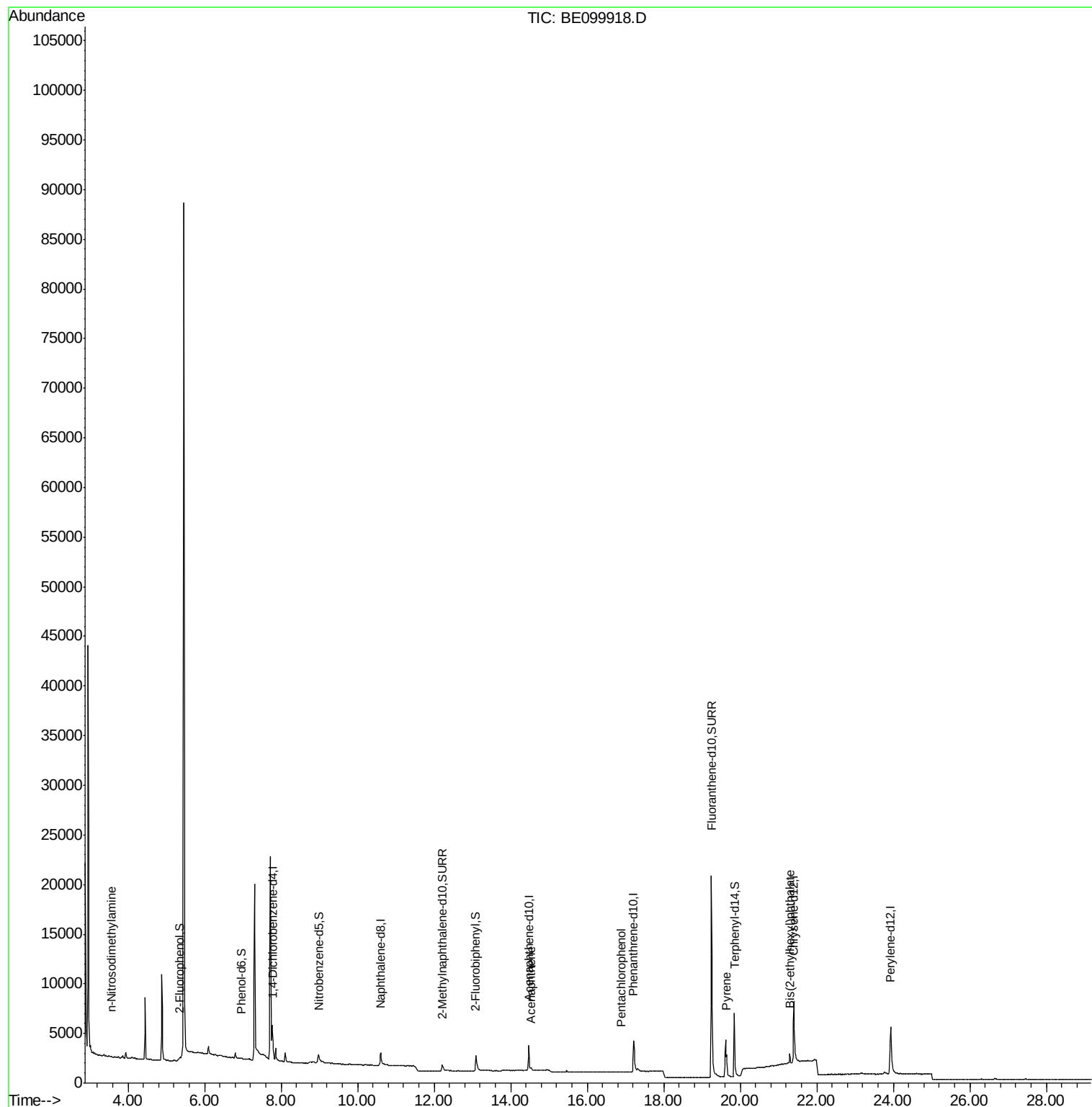
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	680	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2441	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1975	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6206	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9538	0.40	ng	0.00
34) Perylene-d12	23.93	264	9271	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	79	0.04	ng	0.00
5) Phenol-d6	6.97	99	109	0.05	ng	0.00
8) Nitrobenzene-d5	8.98	82	738	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1384	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	14	0.01	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2572	0.34	ng	-0.01
25) Fluoranthene-d10	19.25	212	34170	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	7598	0.44	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.56	42	24	0.041	ng	Qvalue # 100
17) Acenaphthene	14.53	154	122	0.023	ng	93
22) Pentachlorophenol	16.88	266	36	0.321	ng	# 85
28) Pyrene	19.64	202	1994	0.080	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	1193	0.029	ng	# 99

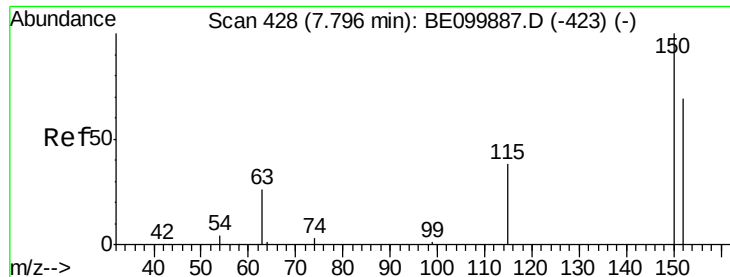
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.01 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

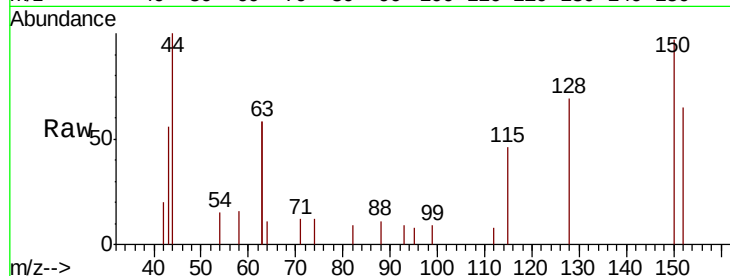
Tgt Ion: 152 Resp: 680

Ion Ratio Lower Upper

152 100

150 148.8 111.0 166.6

115 69.7 50.7 76.1

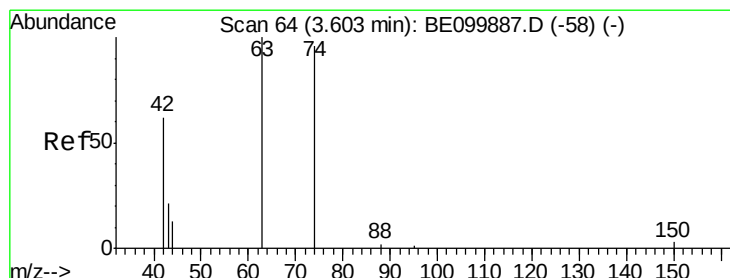
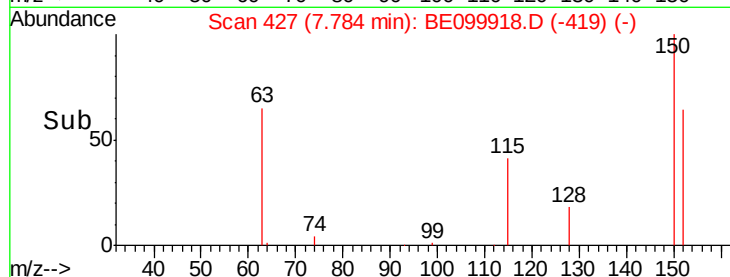
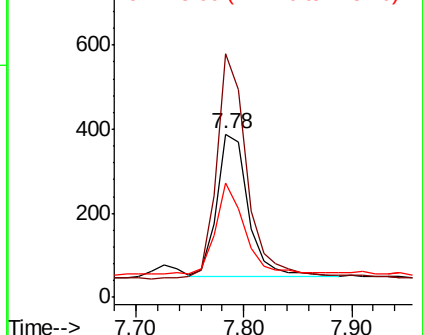


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.041 ng

RT: 3.56 min Scan# 60

Delta R.T. -0.05 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

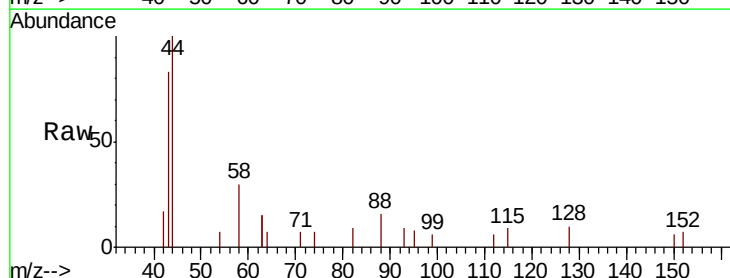
Tgt Ion: 42 Resp: 24

Ion Ratio Lower Upper

42 100

74 20.8 0.0 0.0#

44 191.7 0.0 0.0#

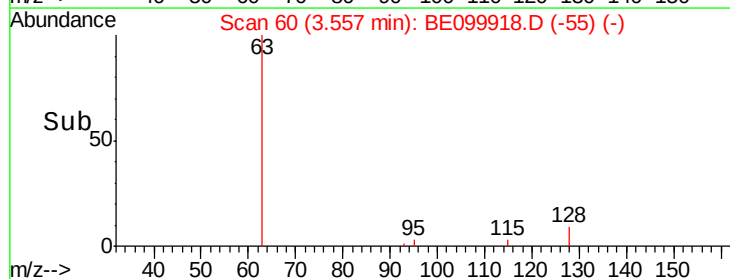
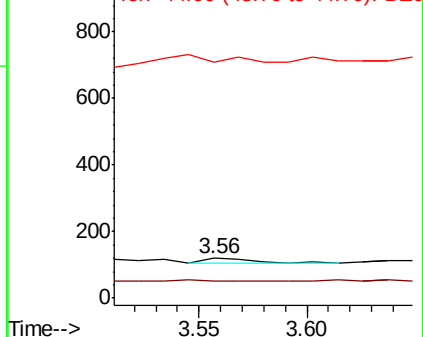


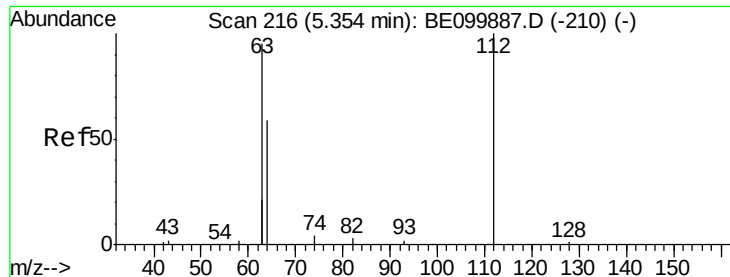
Abundance

Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.043 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

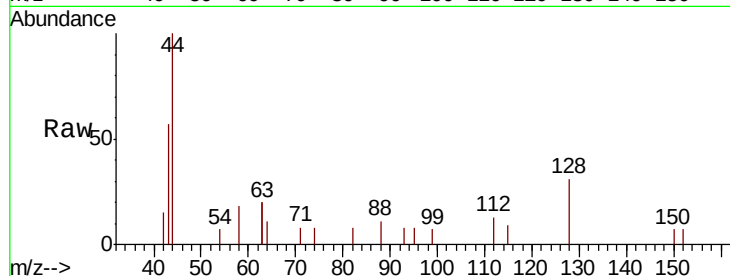
Tgt Ion: 112 Resp: 79

Ion Ratio Lower Upper

112 100

64 82.3 44.1 66.1#

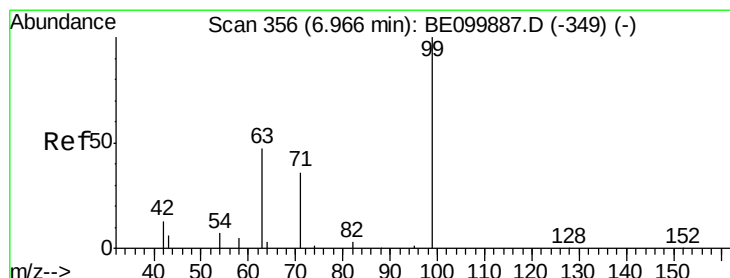
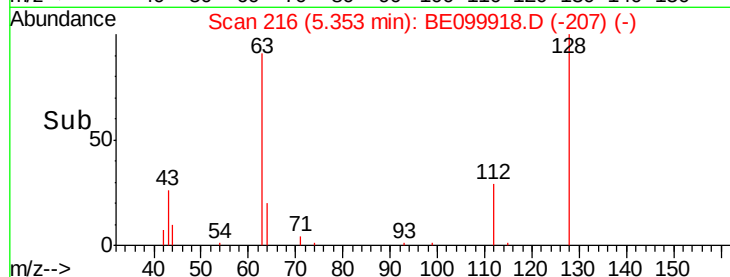
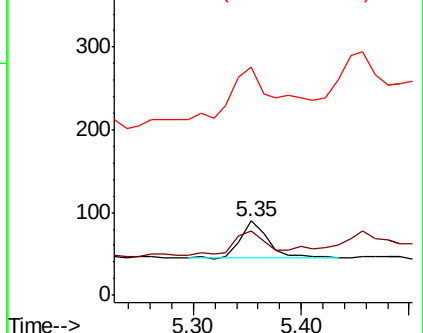
63 246.8 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.046 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

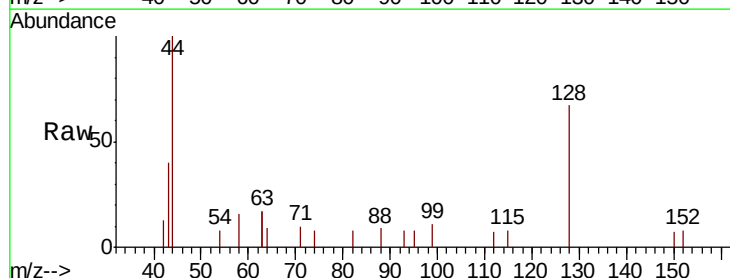
Tgt Ion: 99 Resp: 109

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

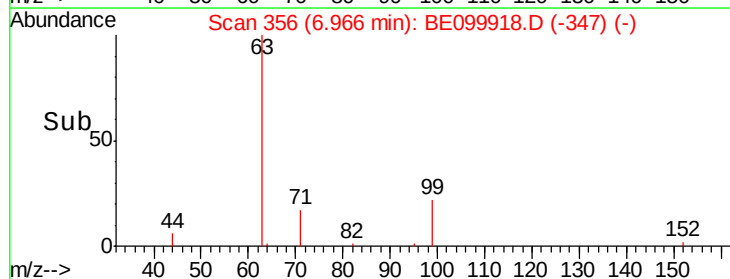
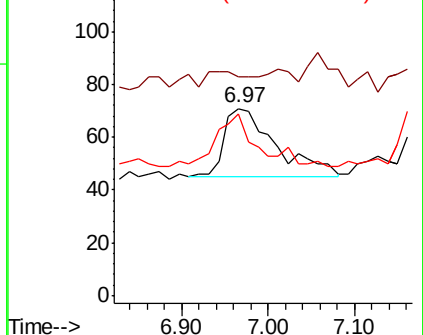
71 60.6 34.6 52.0#

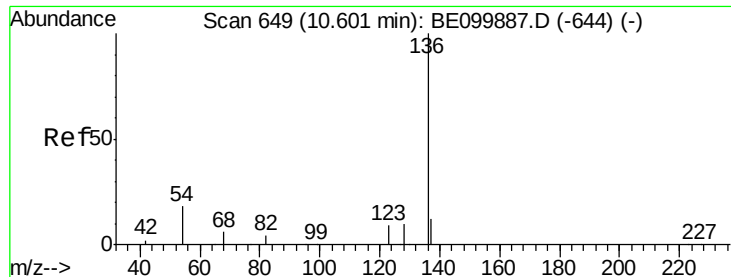


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

Tgt Ion: 136 Resp: 2441

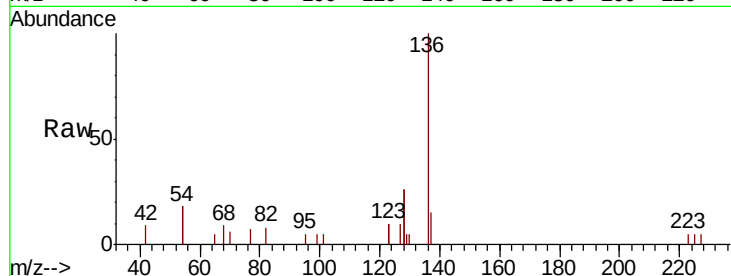
Ion Ratio Lower Upper

136 100

137 15.2 12.3 18.5

54 36.2 28.2 42.4

68 8.6 7.8 11.8

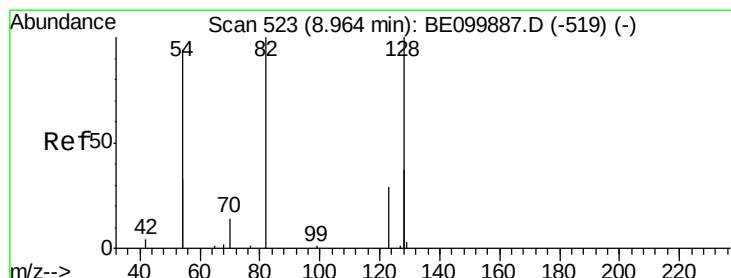
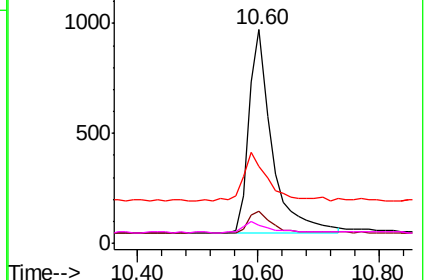
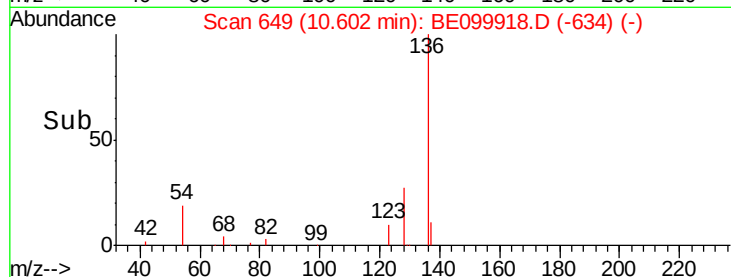


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

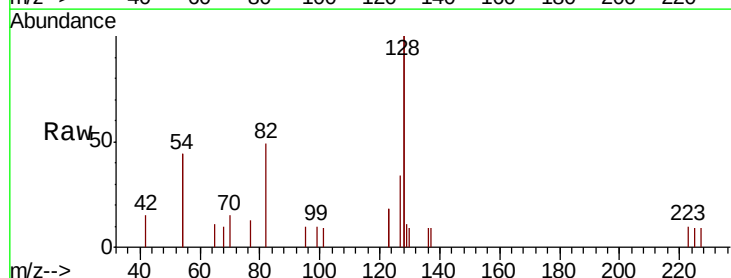
Tgt Ion: 82 Resp: 738

Ion Ratio Lower Upper

82 100

128 406.5 137.3 205.9#

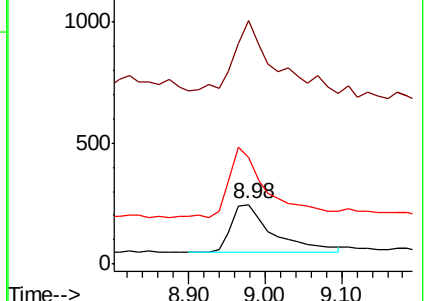
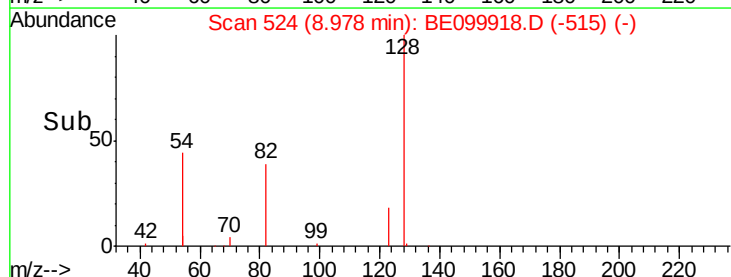
54 178.9 129.7 194.5

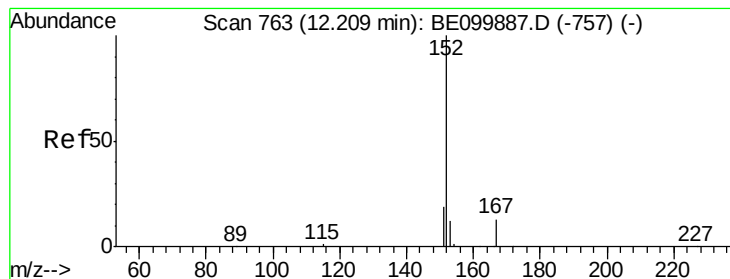


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

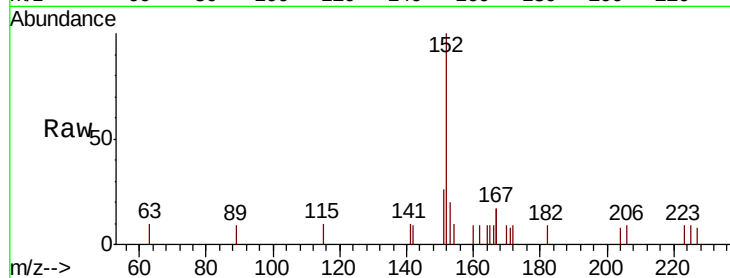
AOC50MW002-190604

Tgt Ion:152 Resp: 1384

Ion Ratio Lower Upper

152 100

151 19.3 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

500

400

300

200

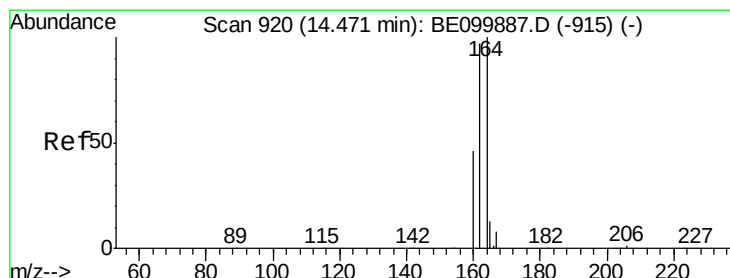
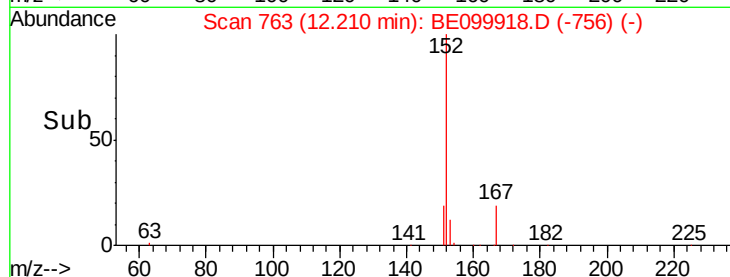
100

0

12.20

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

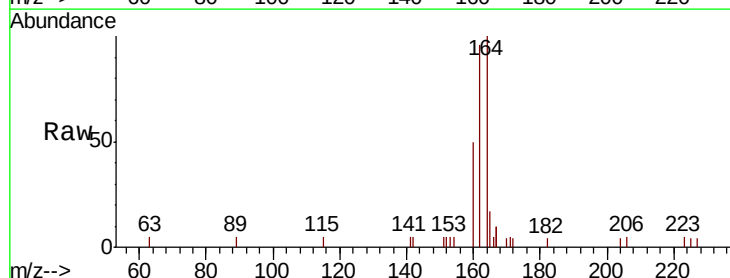
Tgt Ion:164 Resp: 1975

Ion Ratio Lower Upper

164 100

162 95.5 77.8 116.8

160 49.9 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.47

1000

500

0

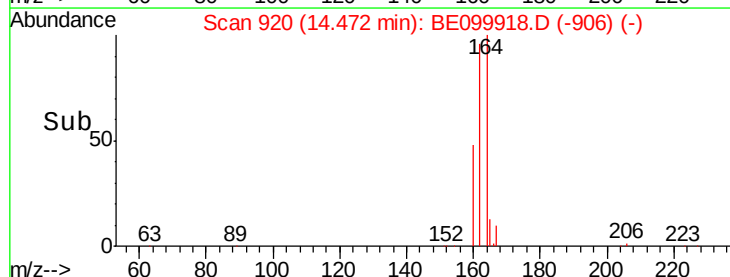
14.30

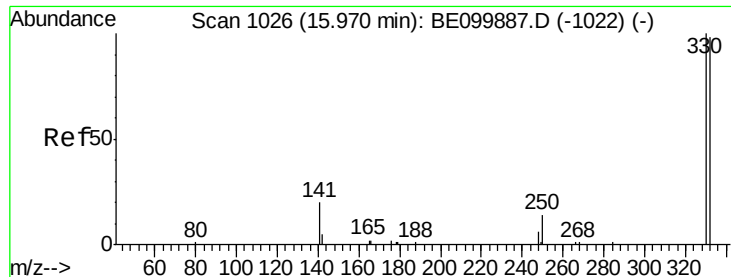
14.40

14.50

14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.010 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

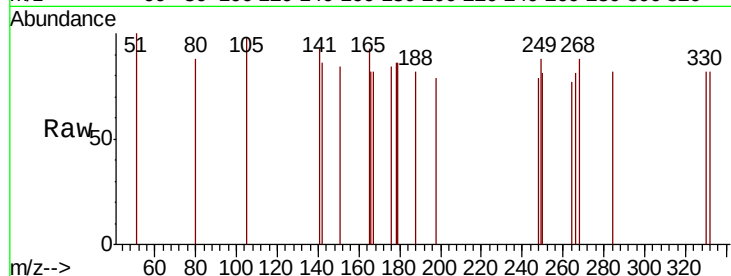
Tgt Ion: 330 Resp: 14

Ion Ratio Lower Upper

330 100

332 157.1 76.7 115.1#

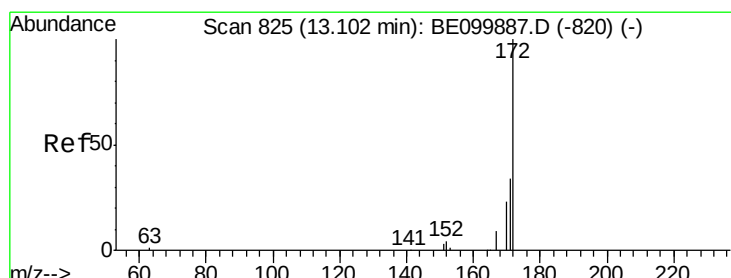
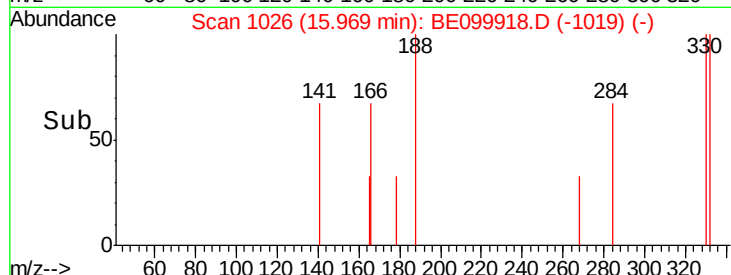
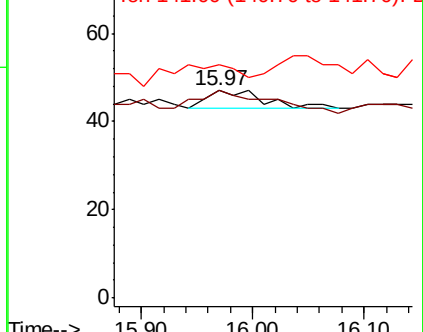
141 0.0 21.0 31.6#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.343 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

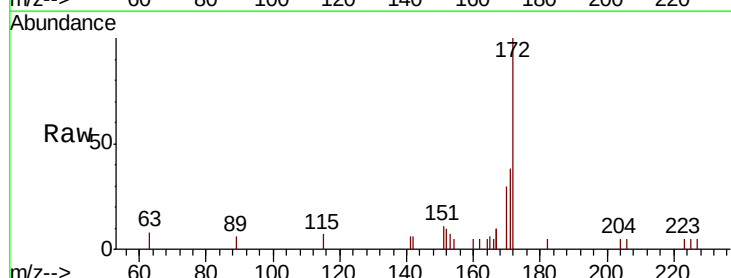
Tgt Ion: 172 Resp: 2572

Ion Ratio Lower Upper

172 100

171 37.6 29.2 43.8

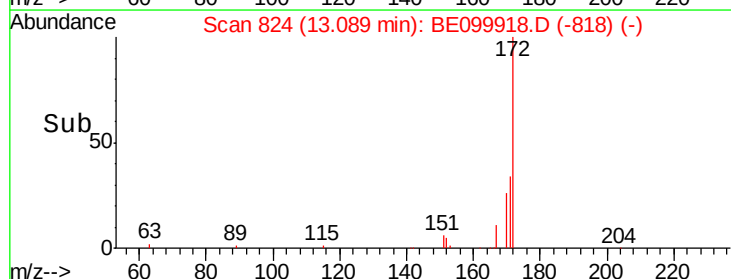
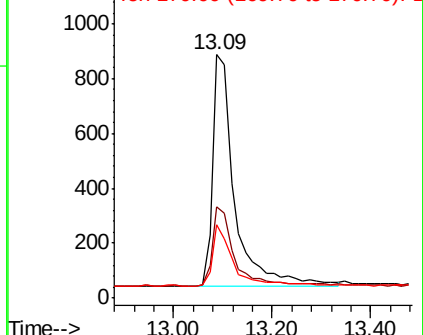
170 30.0 21.2 31.8

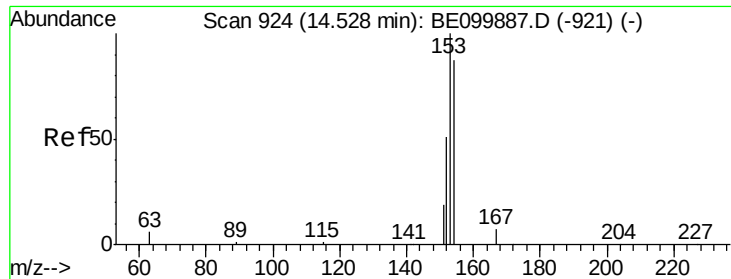


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#17

Acenaphthene

Concen: 0.023 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

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ClientSampleId :

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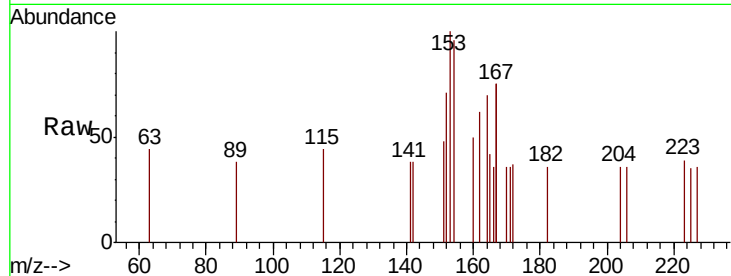
Tgt Ion:154 Resp: 122

Ion Ratio Lower Upper

154 100

153 125.4 93.1 139.7

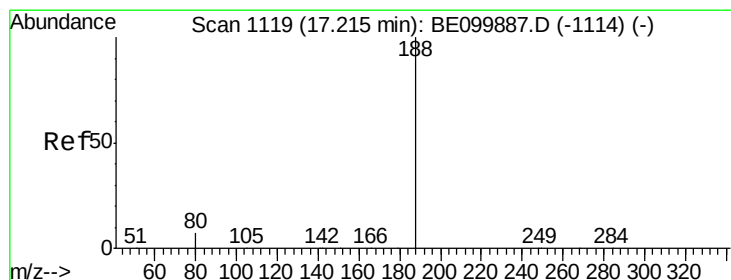
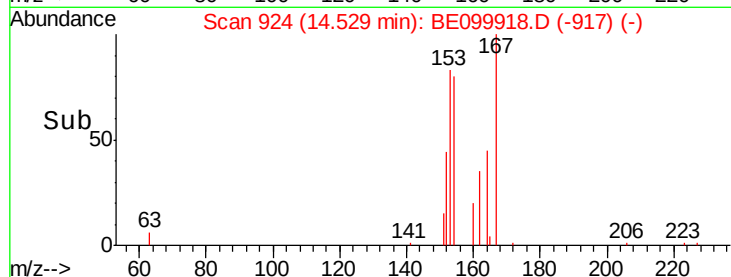
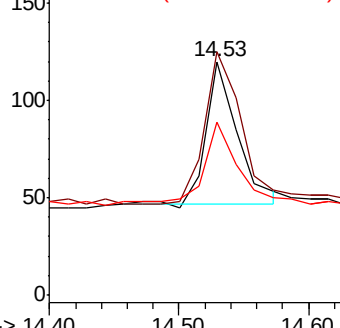
152 54.9 47.0 70.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

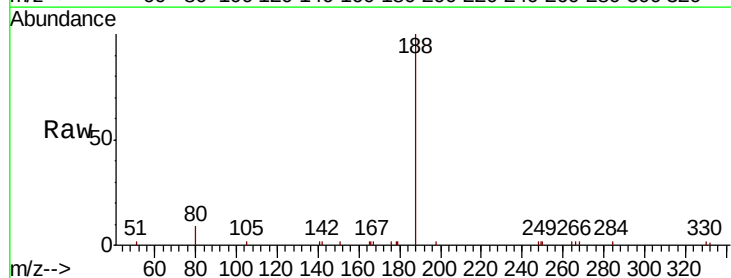
Tgt Ion:188 Resp: 6206

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

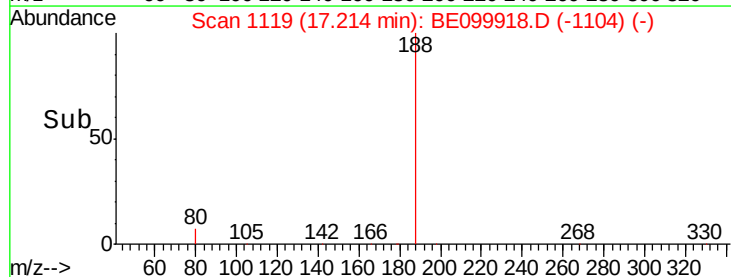
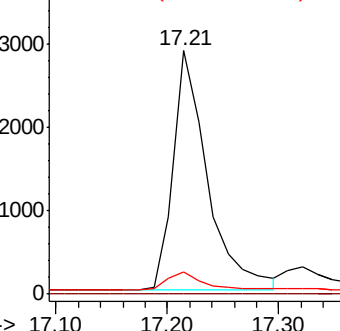
80 9.0 6.4 9.6

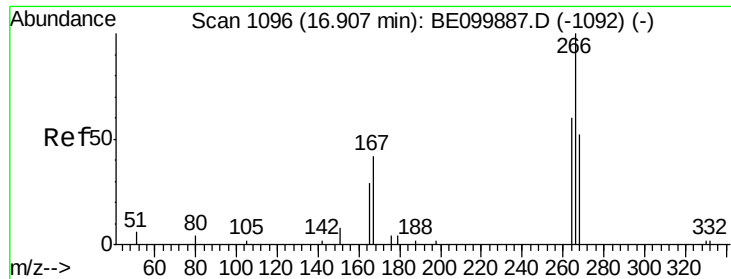


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.321 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

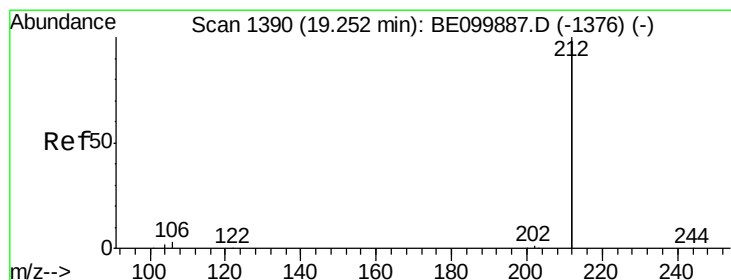
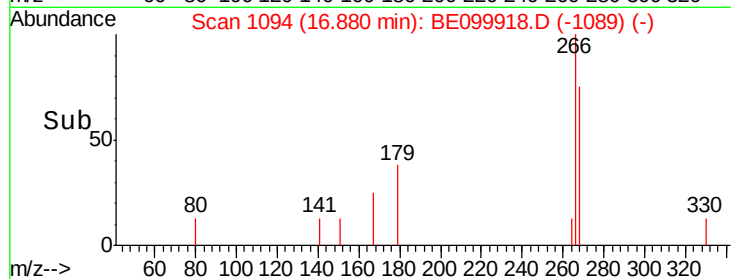
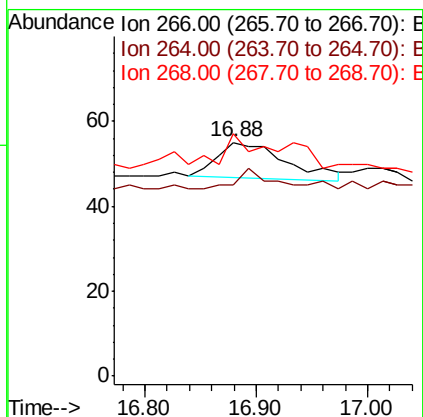
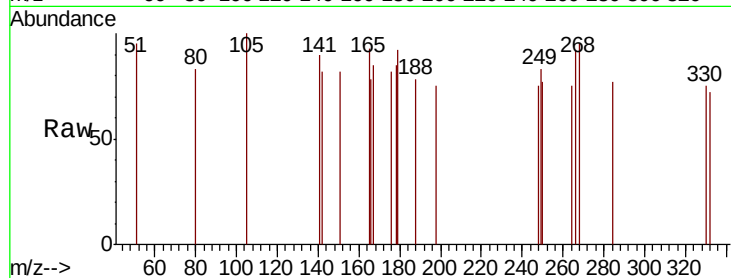
Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

Tgt Ion:	266	Resp:	36
Ion	Ratio	Lower	Upper
266	100		
264	81.8	62.2	93.2
268	103.6	65.5	98.3#



#25

Fluoranthene-d10

Concen: 0.378 ng

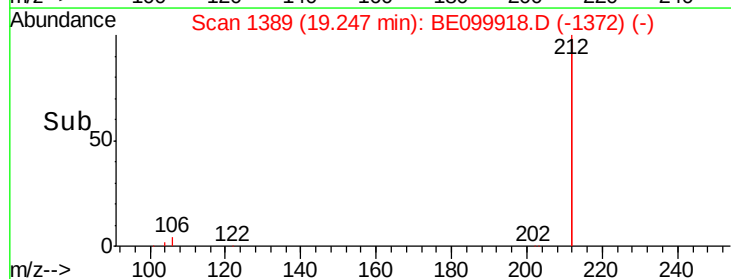
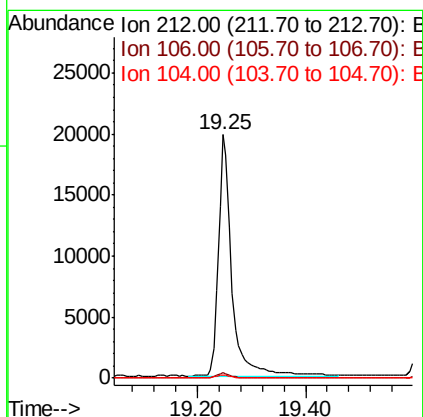
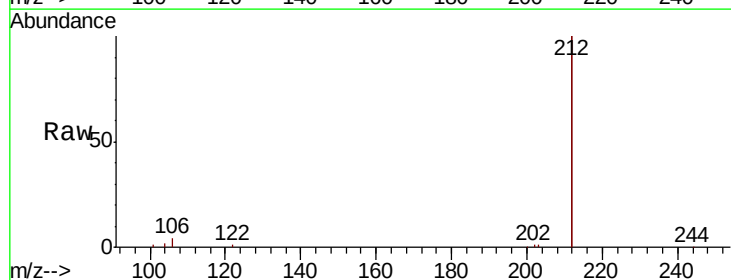
RT: 19.25 min Scan# 1389

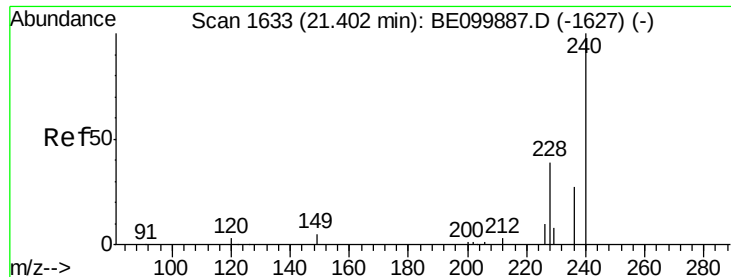
Delta R.T. -0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Tgt Ion:	212	Resp:	34170
Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

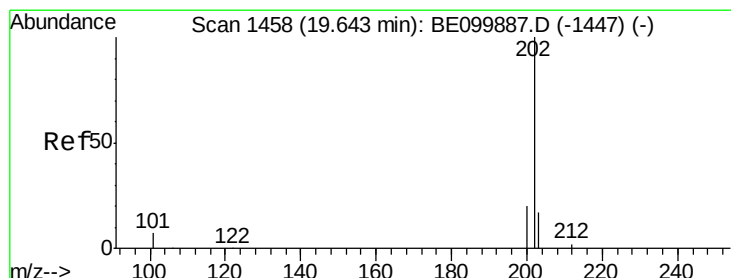
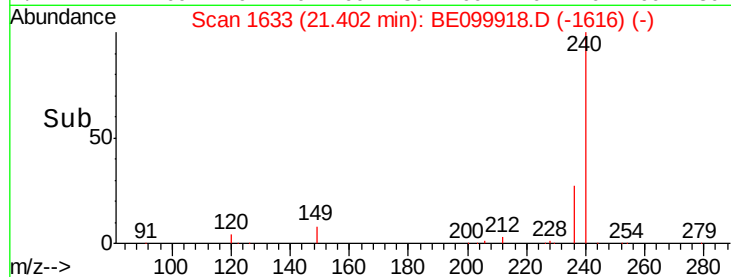
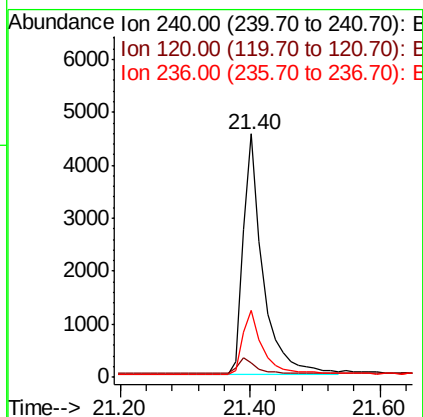
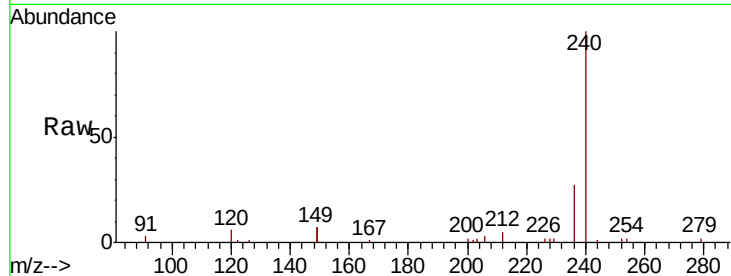




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099918.D
 Acq: 11 Jun 2019 11:30

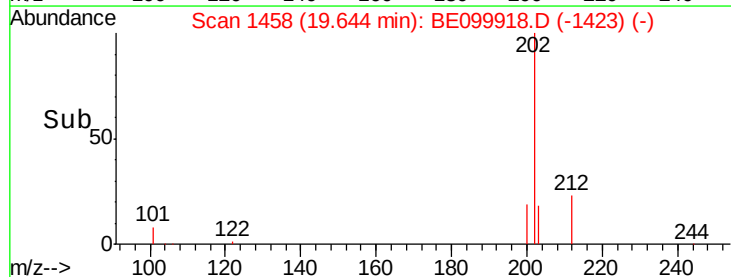
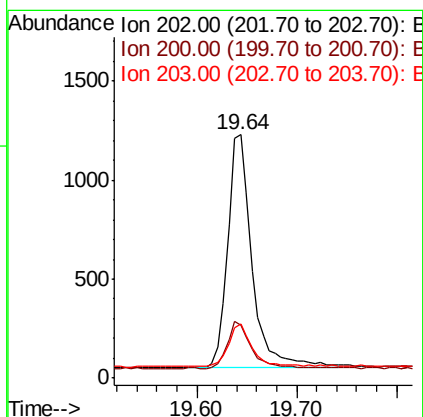
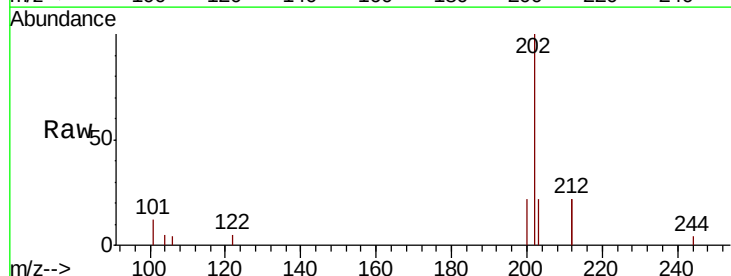
Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-190604

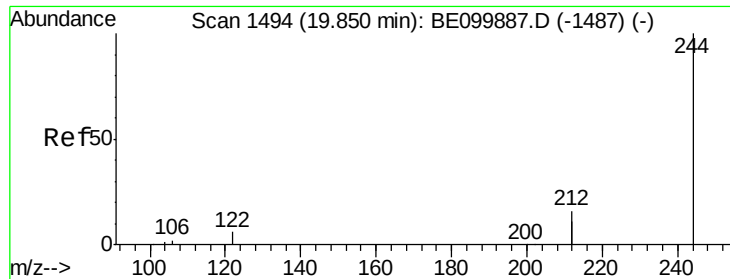
Tgt Ion:240 Resp: 9538
 Ion Ratio Lower Upper
 240 100
 120 5.7 3.8 5.6#
 236 27.5 22.0 33.0



#28
 Pyrene
 Concen: 0.080 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE099918.D
 Acq: 11 Jun 2019 11:30

Tgt Ion:202 Resp: 1994
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.5 23.3
 203 16.8 14.0 21.0





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

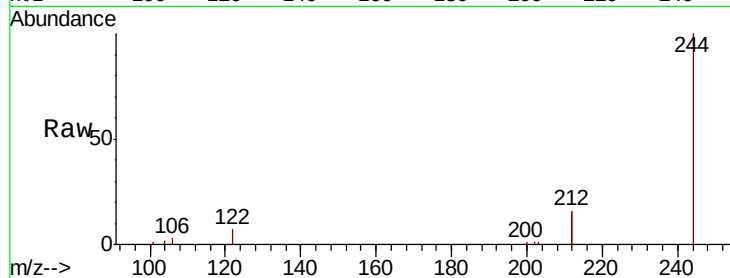
Tgt Ion:244 Resp: 7598

Ion Ratio Lower Upper

244 100

212 31.7 25.7 38.5

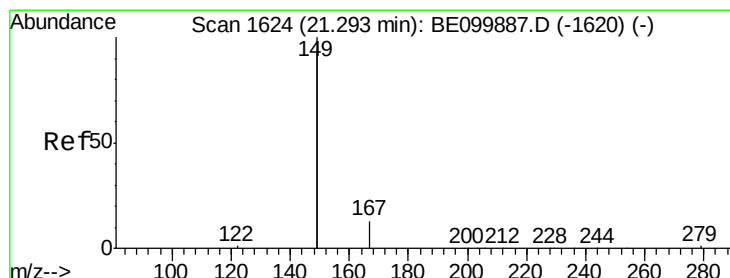
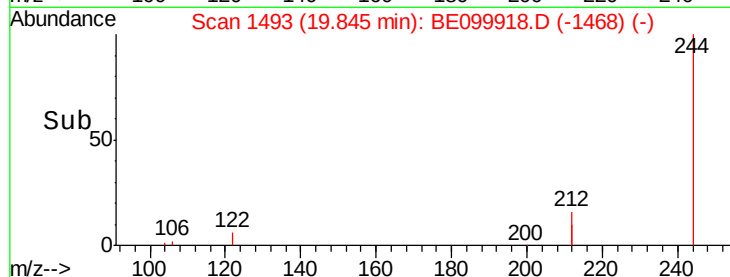
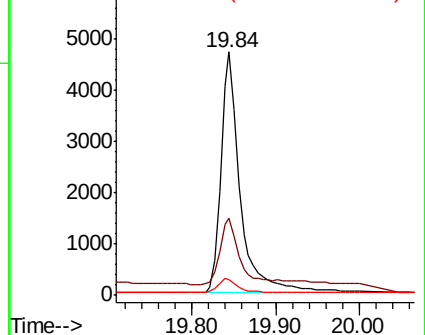
122 6.6 5.5 8.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

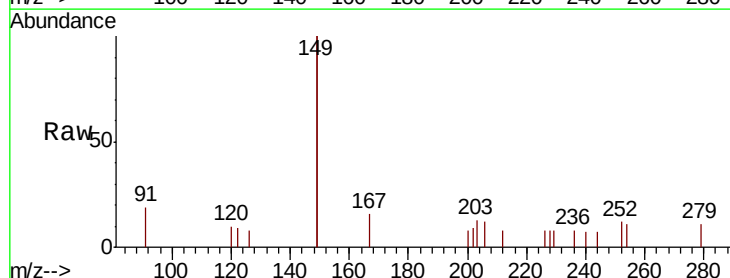
Tgt Ion:149 Resp: 1193

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

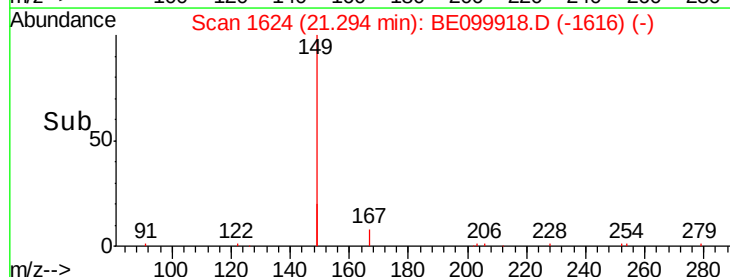
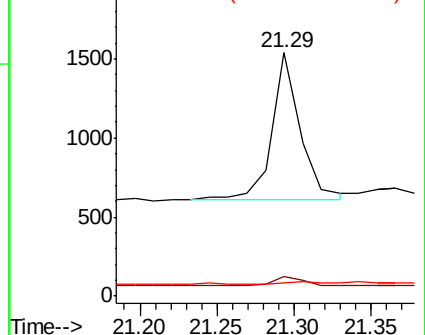
279 4.2 1.2 1.8#

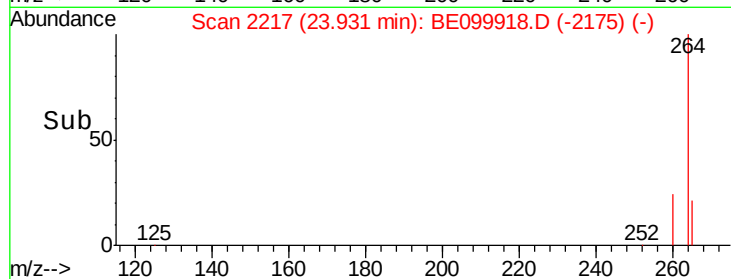
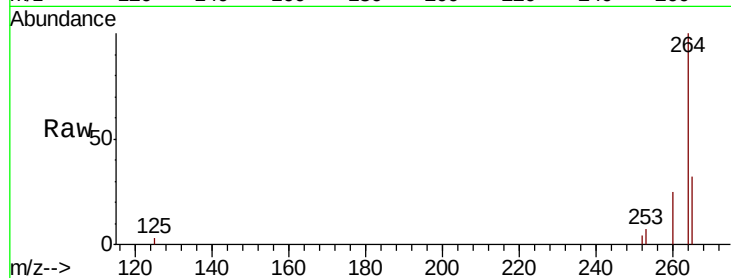
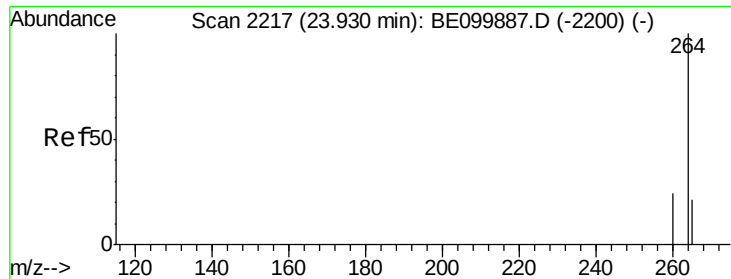


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE099918.D

Acq: 11 Jun 2019 11:30

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-190604

Tgt Ion:264 Resp: 9271

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 32.2 22.0 33.0

